09-91 3538792 INDKLÆBES I SERVICEANVISNING BEOVOX 4
TO PASTE INTO SERVICE MANUAL BEOVOX 4

SERVICEANVISNING
SERVICE MANUAL

To paste on page 4-3
in supplement Beolab Penta
type 662X (3538730) for Beolab 200

9017	3164745	Cover plate w/print
9027	3458492	Lid
9041	3454443	Intermediate piece
9042	7210595	Terminal Screw, red
	7210596	Terminal Screw, black
9043	7210595	Terminal Screw, red
	7210596	Terminal Screw, black
9044	7211047	Socket
9045	3454444	Base

Survey of screws

15	2380016	Nut M4
18	2625003	Washer
19	7530091	Soldering lug

Bang&Olufsen

Beolab Penta

Type 6631, 6632, 6633, 6634, 6635

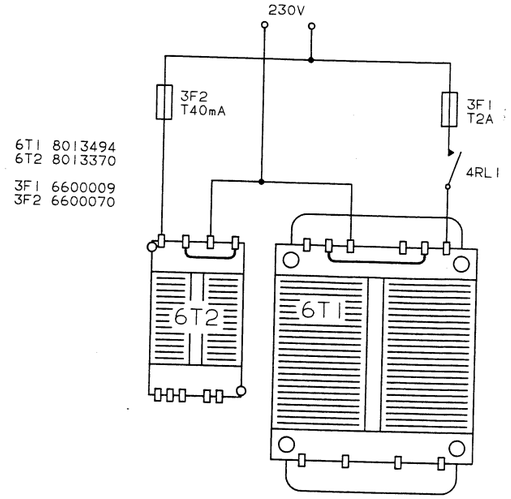
Ledningsmontering på nettransformatorer

Wiring of Mains Transformers

Type 6631

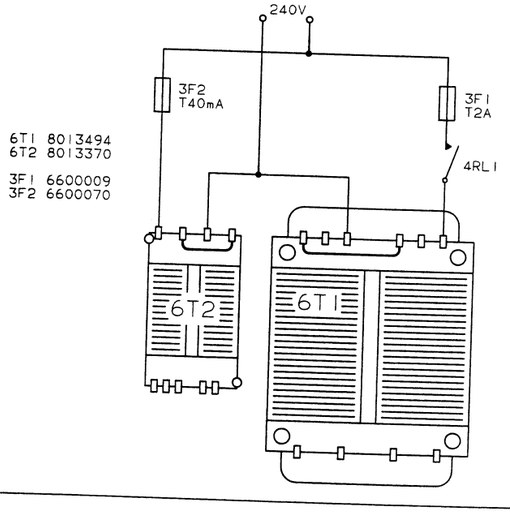
Type 6632

Type 6635



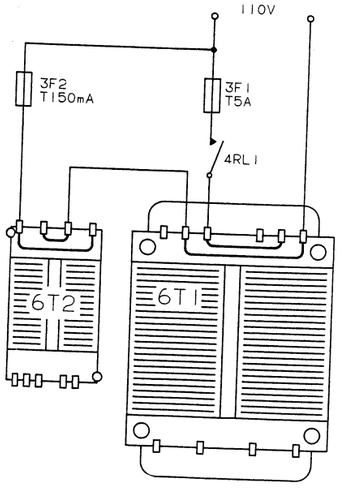
6T1 8013494
6T2 8013370

3F1 6600009
3F2 6600070



6T1 8013494
6T2 8013370

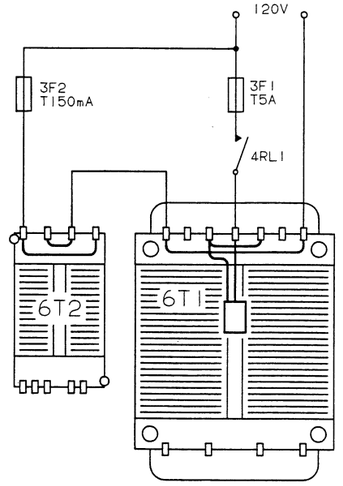
3F1 6600009
3F2 6600070



6T1 8013494
6T2 8013370

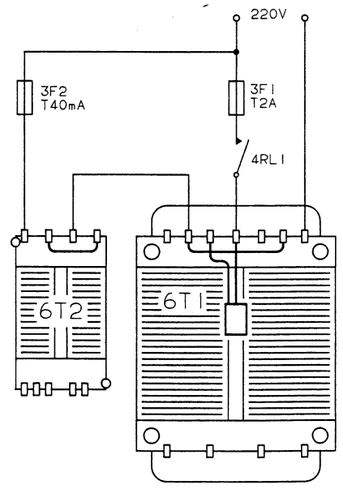
3F1 6600009
3F2 6600070

Type 6633



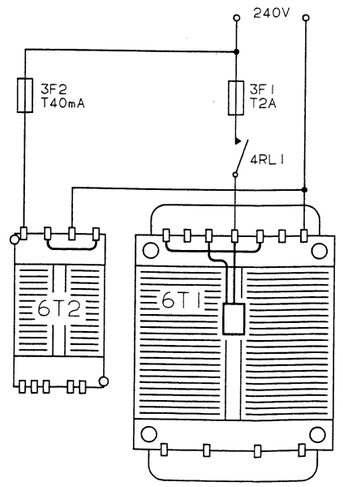
6T1 8013375
6T2 8013370

3F1 6600019
3F2 6600069



6T1 8013375
6T2 8013370

3F1 6600009
3F2 6600070

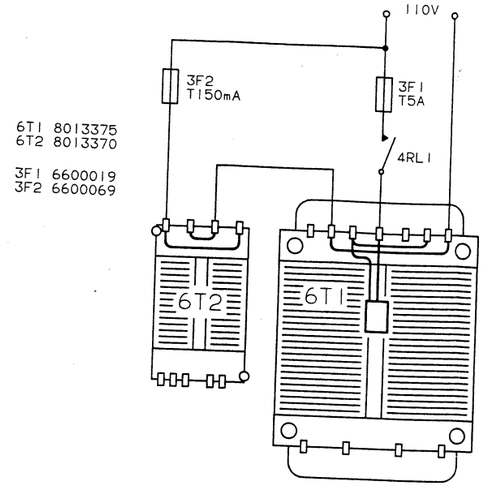


6T1 8013375
6T2 8013370

3F1 6600009
3F2 6600070

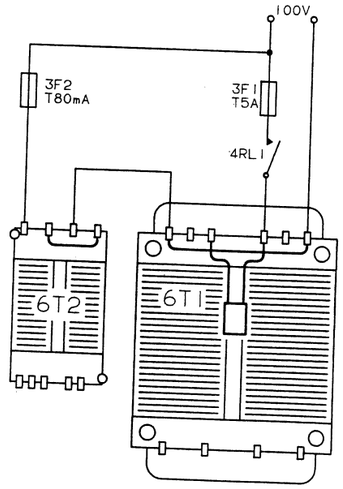
Type 6633

Type 6634



6T1 8013375
6T2 8013370

3F1 6600019
3F2 6600069



6T1 8013376
6T2 8013377

3F1 6600095
3F2 6600103

PCB 23, Microcomputer

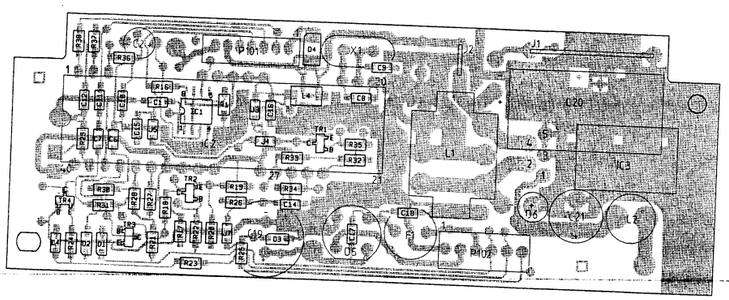
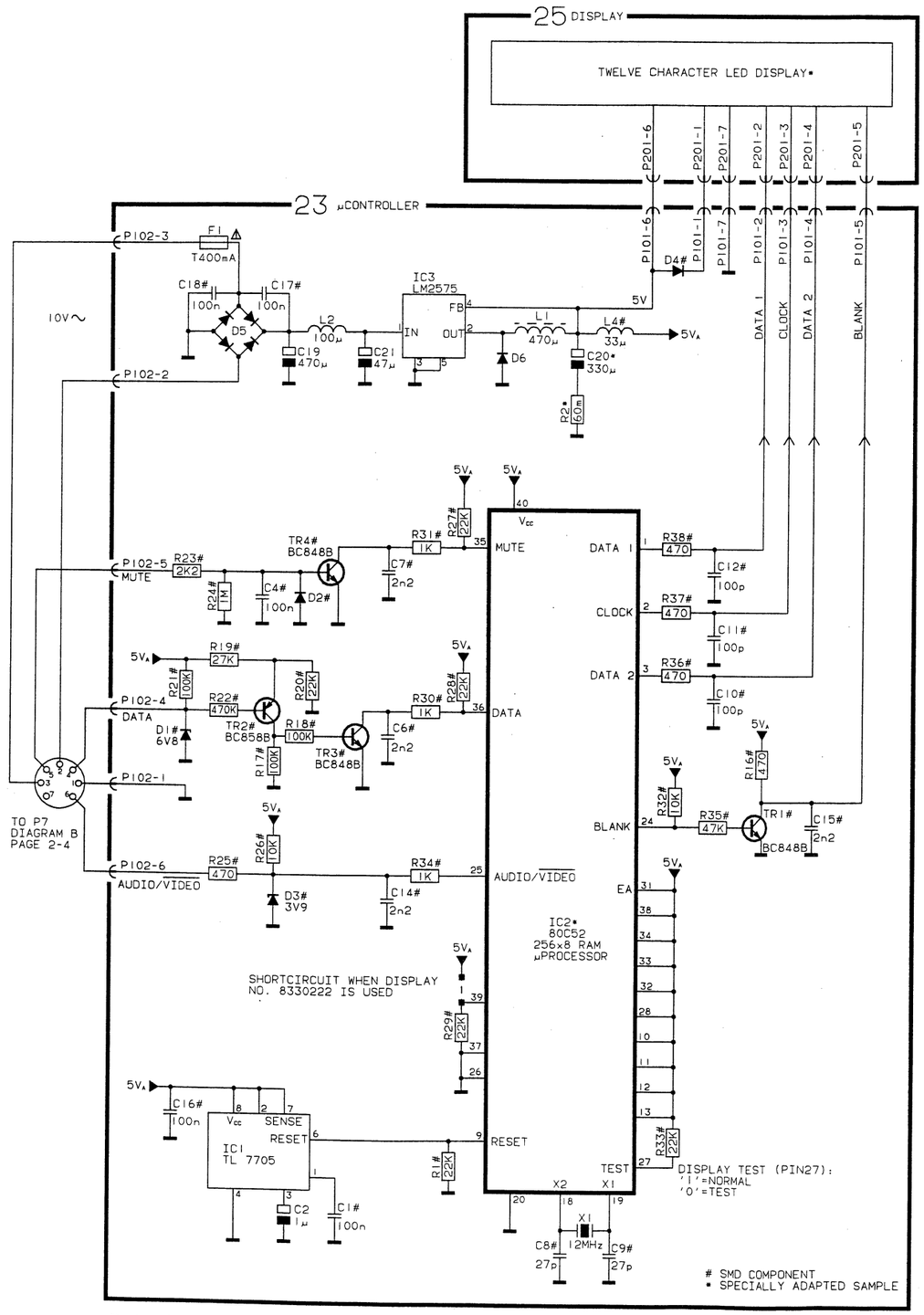
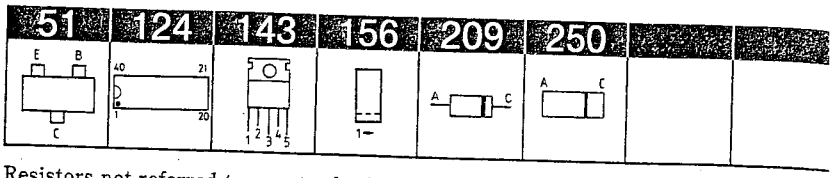


DIAGRAM A, Display 663X



Bang&Olufser

LIST OF ELECTRICAL PARTS



Resistors not referred to are standard, see page 3-4
Δ Indicates that static electricity may destroy the component
* Specially selected or adapted sample

PCB23, 8001443
Microprocessor

IC1	8341612	**156**	TL 7705	IC3	8341770	**143**	LM 2575
IC2Δ*	8341771	**124**	μP 80C52				
TR1	8320615	**051**	BC 848B	TR3-TR4	8320615	**051**	BC 848B
TR2	8320616	**051**	BC 858B				
D1	8300520	**250**	Z 6.8V 5%	D4	8300557	**250**	BYM10
D2	8300482	**250**	LL 4148	D5	8300466		125V 1.5A
D3	8300577	**250**	Z 3.9V 2%	D6	8300795	**209**	1N 5822
R2*	5012142		60 mΩ				
C1	4010166		100nF -20+80% 50V	C14-C15	4010170		2.2nF 10% 50V
C2	4200512		1μF 20% 50V	C16-C18	4010166		100nF -20+80% 50V
C4	4010166		100nF -20+80% 50V	C19	4200993		470μF 20% 50V
C6-C7	4010170		2.2nF 10% 50V	C20*	4201116		330μF 20% 25V
C8-C9	4000278		27pF 5% 50V	C21	4200952		47μF -20+50% 25V
C10-C12	4000241		100pF 5% 50V				
L1	8020914		Coil 470μH	L4	8020817		Coil 33μH
L2	8020912		Coil 100μH				
X1	8090075		Crystal 12MHz				
F1	6600080		Fuse 400mAT				
P101	7220714		Plug 7 pole	P102	7220318		Plug 6 pole

All other electrical parts are identical with chapter 3 for 662x (3538730)

LIST OF MECHANICAL PARTS

Ex. view, see page 4-2

9115	3320103	Cover glass f. display
9151	3183673	Masking f. display
23Modul	8001443	PCB23, Microcomputer
25Modul	8001485	PCB25, Display (3x4 character)
	2576275	Holder
	8330222	PCB25, Display (2x6 character)

Ex. view, see page 4-3

9017	3164800	Coverplate w. print, type 6631
	3164865	Coverplate w. print, type 6632
	3164890	Coverplate w. print, type 6633
	3164891	Coverplate w. print, type 6634
	3164892	Coverplate w. print, type 6635
06T1	8013494	Transformer, type 6631 (230 EU)
	8013494	Transformer, type 6632, 6635 (240 GB/AUS)
	8013375	Transformer, type 6633 (120 USA)
	8013376	Transformer, type 6634 (110 JAP)

Owners Manuals

	3506179	Danish
	3506180	Swedish
	3506181	Finnish
	3506182	English
	3506183	German
	3506184	Dutch
	3506185	French
	3506186	Italian
	3506187	Spanish

All other mechanical parts are identical with chapter 4 for 662x (3538730)